

RECEIVED  
CENTRAL FAX CENTER

JUL 19 2006

**JUNCTION VARACTOR WITH HIGH Q FACTOR**

Appl. No. : 10/711,140 Confirmation No. 5139  
Applicant : Ching-Hung Kao  
Filed : August 27, 2004  
TC/A.U. : 2818  
Examiner : NGUYEN,  
TRAM HOANG  
Docket No. : NAUP0622USA0  
Customer No. : 27765

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**AFFIDAVIT UNDER 37 CFR 1.132**

5 I, Ching-Hung Kao, am the sole applicant in the instant application. I was one of two joint inventors in US Patent 6,882,029. In patent 6,882,029, I conceived of the idea that the LDD merges with the first ion diffusion region that serves an anode of the junction varactor. The other inventor in patent 6,882,029 did not conceive of this subject matter.

10 I am a Taiwan citizen and do not use a standard spelling of my name used for English-language documents. In the US Patent 6,882,029, my name was spelled as "Jing-Hong Gau", but in the instant application, my name was spelled as "Ching-Hung Kao". As evidenced by the attached declaration from US Patent 6,882,029 having attorney docket number NAUP0550USA, my address used in the instant application is the

same as my address used in the patent 6,882,029. Therefore, I state that I am the sole inventor of this claimed subject matter.

5

( Ching-Hung Kao )Date: ( 2006/05/25 )

Ching-Hung Kao

No. 21, Alley 39, Lane 23,

Wu-Feng St., Chu-Tung Town,

10 Hsin-Chu Hsien, Taiwan, R.O.C

RECEIVED  
CENTRAL FAX CENTER

JUL 19 2006

**PATENT**  
Docket No. NAUP0550USA

## COMBINED DECLARATION AND POWER OF ATTORNEY

**As a below named inventor , I hereby declare that :**

I believe I am the sole (if only one name appears below), or joint (if more than one name appears), original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## "JUNCTION VARACTOR WITH HIGH Q FACTOR AND WIDE TUNING RANGE"

+ The specification for the above entitled invention is filed herewith.

The specification for the above entitled invention was filed previously

**with application serial number:**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 1.56, which became available to me between the filing date of the prior application and the filing date of this application.

**PRIORITY CLAIM**

+ There is no claim of priority

**Claim of priority is based on the following:**

## POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys to prosecute this application and to transact all related business in the Patent and Trademark Office:

Winston Hsu

**Registration# 41,526**

**WinstonHsu@naipo.com.tw**

P.O. Box 506,  
Merrifield, Virginia 22116,  
U.S.A  
TEL: (02)8923-7350

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Date: \_\_\_\_\_ Jing-Horng Gau

Printed Name: Jing-Horng Gau

Post Office Address: No.21, Alley 39, Lane 23, Wu-Feng St., Chu-Tung

and Residence Town, Hsin-Chu Hsien, Taiwan, R.O.C.

Citizen of: R.O.C.

Date: \_\_\_\_\_ Anchor Chen

Printed Name: Anchor Chen

Post Office Address: No.16, Lane 221, Kung-Hsing Rd., Ping-Tung City,

and Residence Taiwan, R.O.C.

Citizen of: R.O.C.